

Form PTO-1449 (Modified)

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (37 CFR 1.98(b))	ATTY. DOCKET NO. CU-5127	SERIAL NO. 10/593,990
	APPLICANT Regis PEYTAVI	
	FILING DATE September 25, 2006	GROUP 10593990 - GAU:1797

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT DOCUMENT	ISSUE/PUB DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE
	2002/0142470	10/03/02	Clarke et al.			
	6,099,803	08/08/00	Ackley et al.			
	6,245,508	06/12/01	Heller et al.			
	6,258,606	07/10/01	Kovacs			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	WO 03/052428	06/26/03	PCT				
	WO 03/015923	02/27/03	PCT				
	WO 01/35088	05/17/01	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

	Anderson, J. et al. "Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping." Anal. Chem. 72. 2000. pp.3158-3164.
	Bousse, L., et al. "Electrokinetically Controlled Microfluidic Analysis Systems." Annu. Rev. Biophys. Biomol. Struct. 29. 2000. pp.155-81.
	Madou, M., et al. "A novel design on a CD disc for 2-point calibration measurement." Sensors and Actuators 91(3). 2001. pp.301-306.
	Capanu, M., et al. "Design, Fabrication, and Testing of a Bistable Electromagnetically Actuated Microvalve." Journal of Microelectromechanical Systems. Vol. 9, No. 2. June 2000. pp.181-189.
	Howbrook, D., et al. "Developments in microarray technologies." Drug Discovery Today Vol. 8, No. 14. 2003. pp.642-651.
	Kusnezow, W., et al. "Solid supports for microarray immunoassays." J. Mol. Recogni. 16. 2003. pp.165-176.
	Maughan, N., et al. "An introduction to arrays." Journal of Pathology. 195. 2001. pp.3-6.
	Wang, Y., et al. "Microarrays Assembled in Microfluidic Chips Fabricated from Poly(methyl methacrylate) for the Detection of Low-Abundant DNA Mutations." 75. 2003. pp.1130-1140.
	Bryant, P., et al. "Chips with everything: DNA microarrays in infectious diseases." Lancet Infect. Dis. Vol. 4. February 2004. pp.100-111.
	Heller, M. "DNA Microarray Technology: Devices, Systems and Applications." Annu. Rev. Biomed. Eng. 4. 2002. pp.129-153.
	Pirrung, M. "How to Make a DNA Chip." Angew. Chem. Int. Ed. 41. 2002. pp.1276-1289.
	Mikhailovich, et al. "Identification of Rifampin-Resistant Mycobacterium tuberculosis Strains by Hybridization, PCR, and Ligase Detection Reaction on Oligonucleotide Microchips." Journal of Clinical Microbiology. 39. July 2001. pp.2531-2540.

	Chizhikov, V., et al. "Microarray Analysis of Microbial Virulence Factors." <i>Applied and Environmental Microbiology</i> . 67. July 2001. pp.3258-3263.
	Chizhikov, V., et al. "Detection and Genotyping of Human Group A Rotaviruses by Oligonucleotide Microarray Hybridization." <i>Journal of Clinical Microbiology</i> . 40. pp.2398-2407.
	Wang, R., et al. "Design and evaluation of oligonucleotide-microarray method for the detection of human intestinal bacteria in fecal samples." <i>FEMS Microbiol. Lett.</i> 213. 2002. pp.175-182.
	Loy, A., et al. "Oligonucleotide Microarray for 16S rRNA Gene-Based Detection of All Recognized Lineages of Sulfate-Reducing Prokaryotes in the Environment." <i>Applied and Environmental Microbiology</i> . 68. 2002. pp.5064-5081.
	Wilson, W., et al. "Sequence-specific identification of 18 pathogenic microorganisms using microarray technology." <i>Mol. Cell. Probes</i> . 16. 2002. pp.119-127.
	Weidenhammer, E., et al. "Multiplexed, Targeted Gene Expression Profiling and Genetic Analysis on Electronic Microarrays." <i>Clinical Chemistry</i> . 48. 2002. pp.1873-1882.
	Westin, L., et al. "Antimicrobial Resistance and Bacterial Identification Utilizing a Microelectronic Chip Array." <i>Journal of Clinical Microbiology</i> . 39. 1097-1104.
	Lenigk, R., et al. "Plastic biochannel hybridization devices: a new concept for microfluidic DNA arrays." <i>Anal. Biochem.</i> 311. 2002. pp.40-49.
	Fan, Z., et al. "Dynamic DNA Hybridization on a Chip Using Paramagnetic Beads." <i>Analytical Chemistry</i> . Vol. 71, No. 21. 1999. pp.4851-4859.
	Noerholm, M., et al. "Polymer microfluidic chip for online monitoring of microarray hybridizations." <i>LabChip</i> . 4. 1999. pp.28-37.
	Unger, M., et al. "Monolithic Microfabricated Valves and Pumps by Multilayer Soft Lithography." <i>Science</i> . 288. 2000. 113-116.
	Liu, R., et al. "Fabrication and Characterization of Hydrogel-Based Microvalves." <i>Journal of Microelectromechanical Systems</i> . Vol. 11, No. 1. February 2002. pp.45-53.
	Miller, R., et al. "A MEMS radio-frequency ion mobility spectrometer for chemical vapor detection." <i>Sensors and Actuators</i> . 91. 2001. pp.301-312.
	Bavykin, S., et al. "Portable System for Microbial Sample Preparation and Oligonucleotide Microarray Analysis." <i>Applied and Environmental Microbiology</i> . 67. 2001. 922-928.
	Bekal, S., et al. "Rapid Identification of Escherichia coli Pathotypes by Virulence Gene Detection with DNA Microarrays." <i>J. Clin. Microbiol.</i> 41. 2001. 2113-2125.
	Duffy, D., et al. "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)." <i>Anal. Chem.</i> 70. 1998. pp.4974-4984.

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/Sharon Pregler/

03/23/2010